

Abstract

The winding (W1) comprises at least two poles and at least one phase, with which the poles are wound. The phase comprises at least two parallel-wired winding branches (1WA, 1WB, 1WC, 1WD). At least two of the winding branches  
5 (1WA, 1WB) are different from each other in the winding of at least one of the poles (P1). At least one pole (P1) is wound from at least two winding branches (1WB, 1WC, 1WD). At least one of the winding branches (1WA, 1WB, 1WC, 1WD) is included in the winding of at least two poles. The poles are wound with the winding branches (1WA, 1WB, 1WC, 1WD) in the sense of an essentially symmetrical current loading  
10 of the phase.